## November 1st, 2015

| 15:00-17:00 | Registration           |
|-------------|------------------------|
| 17:00-18:30 | Reception (Restaurant) |

## November 2nd, 2015

|             | Room A (601)                                                                                                                                                                                                                                                                                                                                                                                   | Room B (501)                                                                                | Room C (401)                                                                                                           | International Conference Hall                                                                                       |  |  |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--|--|
| 8:30-9:30   | Registration                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                             |                                                                                                                        |                                                                                                                     |  |  |
| 9:30-9:40   | Opening Ceremony (International Conference Hall) Shinichi SUZUKI (President of the Japanese Society for Experimental Mechanics, Toyohashi University of Technology, Japan) Satoru OKAMOTO (Chairperson of Organizing Committee of 10h ISEM, Shimane University, Japan)                                                                                                                         |                                                                                             |                                                                                                                        |                                                                                                                     |  |  |
| 9:40-10:40  | Keynote Lecture 1 (International Conference Hall) Chair : Prof. Hiroshi TAKAHASHI (Tohoku University, Japan)  "Study on Using Laboratory Model to Research for Bearing Capacity of Soft Ground Improved by Deep Cement Mixing Columns Due to Embankment Load with Different Montmorillonite Contents"  Prof. Nguyen Minh TAM (Ho Chi Minh City University of Technology, Ho Chi Minh, Vietnam) |                                                                                             |                                                                                                                        |                                                                                                                     |  |  |
| 10:40-10:50 | Break (10 min)                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                        |                                                                                                                     |  |  |
| 10:50-11:50 | Keynote Lecture 2 (International Conference Hall) Chair : Prof. Shuting LI (Shimane University, Japan) "Study on the Planetary Roller Screw Mechanism Based Electro-Mechanical Actuator" Prof. Geng LIU (Northwestern Polytechnical University, Xi'an, China)                                                                                                                                  |                                                                                             |                                                                                                                        |                                                                                                                     |  |  |
| 11:50-12:50 | Lunch (60 min)                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                        |                                                                                                                     |  |  |
| 12:50-14:30 | Fluid Dynamics 1<br>T. ISHIDE (National Institute of Technology,<br>Kisarazu College)<br>23, 28, 85, 100, 104                                                                                                                                                                                                                                                                                  | Solid Mechanics 1<br>I. SHIMIZU (Okayama University of Science)<br>31, 35, 103, 106         | Sound and Vibration 1<br>Y. TANAKA (Kyoto Institute of Technology)<br>21, 51, 65                                       | Materials Science and Engineering 1<br>H. ONO (Osaka University)<br>13, 14, 16, 20, 52                              |  |  |
| 14:30-14:45 | Break (15 min)                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                        |                                                                                                                     |  |  |
| 14:45-16:25 | Fluid Dynamics 2<br>R. J. YANG (National Cheng Kung<br>University)<br>29, 36, 60, 71, 87                                                                                                                                                                                                                                                                                                       | Medical and Welfare Engineering<br>T. HIROTOMI (Shimane University)<br>50, 94, 98, 102, 105 | Civil Engineering 1, 2<br>H. TAKAHASHI (Tohoku University)<br>L. X. LOC (Ho Chi Minh City University of<br>Technology) | Materials Science and Engineering 2, 3 K. OBUNAI (Okayama Prefectural University) M. FUJIGAKI (University of Fukui) |  |  |
| -17:20      |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                             | 5, 6, 7, 8, 11, 12, 61                                                                                                 | 73, 75, 76, 77, 114, 115                                                                                            |  |  |

## November 3rd, 2015

| 8:30-9:30   | Registration                                                                                                                                                                                                                            |  |  |  |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| 9:30-11:50  | Poster Session (Small Hall) Y. ONO (Tottori University, Japan), T. GONDA (National Institute of Technology, Yonago College, Japan) 1.General Presentation 2.Special Presentation by Students of College of Technology Awarding Ceremony |  |  |  |
| 11:50-12:50 | Lunch (60 min)                                                                                                                                                                                                                          |  |  |  |
| 13:00-21:00 | Excursion and Banquet  Excursion : Matsue Castle, Izumo Grand Shrine and Shimane Museum of Ancient Izumo  Banquet : Matsue Vogel Park (Traditional Japanese performance art: Iwami Kagura)                                              |  |  |  |

## November 4th, 2015

|             | Room A (601)                                                                                                                                                                                                                                                                     | Room B (501)                                                              | Room C (401)                                                                                        | International Conference Hall                                                                 |  |  |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--|--|
| 8:30-9:30   | Registration                                                                                                                                                                                                                                                                     |                                                                           |                                                                                                     |                                                                                               |  |  |
| 9:30-10:30  | Keynote Lecture 3 (International Conference Hall) Chair : Prof. Takuya OHBA (Shimane University, Japan) "Application of shape memory alloys for secondary battery " Prof. Tae-hyun NAM (Gyeongsang National University, Jinju, Republic of Korea)                                |                                                                           |                                                                                                     |                                                                                               |  |  |
| 10:30-10:40 | Break (10 min)                                                                                                                                                                                                                                                                   |                                                                           |                                                                                                     |                                                                                               |  |  |
| 10:40-11:40 | Keynote Lecture 4 ((International Conference Hall) Chair : Prof. Toshihiro KITAMURA (Shimane University, Japan) "Traditional Steel Making, Tatara and its Application to Japanese Swords" Prof. Takuya OHBA (Department of Materials Science, Shimane University, Matsue, Japan) |                                                                           |                                                                                                     |                                                                                               |  |  |
| 11:40-12:40 | Lunch (60 min)                                                                                                                                                                                                                                                                   |                                                                           |                                                                                                     |                                                                                               |  |  |
| 12:40-14:20 | Fluid Dynamics 3<br>H. MONJI (University of Tsukuba)<br>47, 56, 64, 112                                                                                                                                                                                                          | Solid Mechanics 2<br>Y. ONO (Tottori University)<br>34, 41, 74, 82, 89    | Sound and Vibration 2<br>W. SANMIN (Northwestern Polytechnical<br>University)<br>26, 32, 69, 72, 96 | Materials Science and Engineering 4 T. YOKOYAMA (Okayama University of Science) 22, 39        |  |  |
| 14:20-14:35 | Break (15 min)                                                                                                                                                                                                                                                                   |                                                                           |                                                                                                     |                                                                                               |  |  |
| 14:35-16:15 | Fluid Dynamics 4<br>T. SAWAI (Kinki University)<br>54, 59, 83, 84, 89                                                                                                                                                                                                            | Instrumentation and Testing<br>K. KAGEYAMA (Saitama University)<br>55, 58 | Bio Engineering<br>K. KOBAYASHI (Niigata University)<br>33, 38, 70, 113                             | Materials Science and Engineering 5<br>K. NAKAI (Okayama University of Science)<br>17, 40, 44 |  |  |
| 16:15-16:30 | Break (15 min)                                                                                                                                                                                                                                                                   |                                                                           |                                                                                                     |                                                                                               |  |  |
| 16:30-16:40 | Closing Address (International Conference Hall) Hideaki MONJI (Chairperson of Scientific Committee of 10h ISEM, University of Tsukuba, Japan)                                                                                                                                    |                                                                           |                                                                                                     |                                                                                               |  |  |